ROUTING AND RECORD SHEET

SUBJECT: (Optional)
Projects Impacting the Planned Excavation (s)
Around the Printing and Photography Building

STAT FROM:
C/PP&SS/P&PD/OL
STAT 166 P&P Bldg.

EXTENSION

NO. OL 11237-83

DATE 27 December 1983

TO: (Officer designation, room number, and building)	DATE RECEIVED	DATE FORWARDED	OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
STAT 1. C/NBPO 4E50 Hqs. STAT Attn:				If possible we would still like to raise the issue of a P&PD to Headquarters walkway/entrance
2.				
3.				
4.				
5.				
STAT 6.				
STAT 7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

FORM 1-79 610 USE PREVIOUS EDITIONS

28 December 1983

MEMORANDUM FOR: Chief, New Building Project Office

STAT ATTENTION: [redacted]

STAT FROM: [redacted]
Chief, Plans, Programs and Systems Staff, P&PD/OL

SUBJECT: Projects Impacting the Planned Excavation (s) Around the Printing and Photography Building

1. For your information and possible planning, please be advised of two (2) projects under consideration which may impact the planned excavation/ground fill around the Printing and Photography Building (P&PB). They are: (a) Possible installation of an underground storage tank for isopropyl alcohol (2000 gallon capacity), and (b) Possible installation of a waste paper and trim control system for Printing and Photography Division (P&PD) recyclable waste paper.

2. The alcohol storage tank project began as an employee suggestion and has been approved. The Real Estate and Construction Division (RECD) is currently tasked with providing funding for implementation. It therefore seems conclusive that this project will be a future reality. The most logical location for an underground tank is at the south end of the building, to provide access for bulk deliveries of alcohol by a vendor. A copy of the suggestion and P&PD's response is attached for your convenience.

3. The waste paper and trim control system is P&PD originated and still in the initial stages of data gathering. If it is eventually approved and funded, the logical location for the necessary equipment is again at the south end of the building. The final product will be shredded bales of paper waste, and will require access by a vendor to pick up the bales. Brochures of possible equipment that may be selected for this project are attached.

OL 11237-83

SUBJECT: Projects Impacting the Planned Excavation (s) Around the Printing and Photography Building

4. Obviously, the reconfiguration of the P&PD loading dock is of concern to both of these projects. If you require additional information on either of the above projects, please

STAT contact me or [redacted]

STAT [redacted]

Attachments:
A - Suggestion and response
B - Brochures

Suggestion and Response

TITLE OR SUBJECT OF SUGGESTION

ALCOHOL STORAGE AT PRINTING SERVICES DIVISION

SUGGESTION NO. 2830167

PRESENT METHOD

Printing Services Division(PSD) requires a continuing supply of alcohol to support its day-to-day operations at its headquarters building. It draws that support from an STAT approximately 50 to 100 drum alcohol reserve that it stores [redacted] With only slight variation over the years, this supply action proceeds according to the following scenario:

a. Alcohol requisitioned by PSD is delivered in drum lots by a vendor's truck to STAT a truck bay in the main building [redacted]

(Cont.)

I SUGGEST

I suggest that an alcohol storage tank be located at PSD/HQS compound, either above or below ground, and that the alcohol be piped directly into the building to a convenient user point. A reserve only a fraction the size of the one customarily STAT stored [redacted] should be sufficient to meet production demands. I suggest a 500-800 gallon tank that could be topped-up at monthly intervals from a tanker truck(e.g. gasoline delivery to the Motor Pool). It is not uncommon for commercial vendors POL type liquids to install and rent such tanks under a "package service" contract.

ADVANTAGES

a. Economy and convenience

(1) The suggested procedure would eliminate entirely the labor-intensive procedure presently employed.

(2) Alcohol could be purchased at "bulk rate" rather than in drum.

(3) Both transportation costs and drum movements could be eliminated.

(4) The outbuilding presently dedicated to alcohol storage could be util- STAT ised [redacted] to relieve the present impacting there. (Cont.)

E _____, IMPDET CL BY _____

FORM 244 (3/76) USE PREVIOUS EDITIONS

☐ SECRET ☐ CONFIDENTIAL ☑ ADMINISTRATIVE INTERNAL USE ONLY ☐ UNCLASSIFIED (47)

OL-20329-83

PRESENT METHOD (CONT.)

STAT b. [redacted] Labor Crew unloads the truck and holds the drums for the next
STAT visit of the PSD/LOG rep who is responsible for PSD supplies [redacted]

c. At the first opportunity he palletizes the drums and transports them outside the main building to a corrugated metal outbuilding dedicated to PSD alcohol storage.

d. To meet consumption demands of PSD, he retrieves the drums at regular intervals each week and trucks them to PSD/HQS compound.

ADVANTAGES (CONT.)

STAT [redacted]

c. Security

STAT [redacted] has always maintained an excellent safety and security record. Nevertheless, although trespassing at the storage building during the day is virtually impossible, at night only an unguarded perimeter fence need be scaled to gain entrance to the compound, and with little risk of disclosure. Penetration of the alcohol storage building through accident or design could place the entire compound in jeopardy.

26 May 1983

MEMORANDUM FOR: Chief, Plans and Programs Staff, OL

STAT FROM: [redacted]
Plans, Programs and Systems Staff
Printing and Photography Division, OL

SUBJECT: Evaluation of Suggestion No. 2830167

In response to Suggestion No. 2830167, Alcohol Storage at Printing Services Division, the following comments are offered for consideration:

1. Safety: The Safety Staff, DDA (SS/DDA) was requested by this office (Plans, Programs and Systems Staff, P&PD/OL) to respond to the safety considerations of this
STAT suggestion concerning [redacted] the Printing and Photography Division (P&PD). Consequently, there is little to be said except to clarify some of the points made by the suggestor. Instead of the 50 to 100 drum
STAT alcohol reserve that is claimed [redacted] the Logistical Support Staff (LSS) of P&PD states that their Management Information System (MIS) records show that P&PD normally
STAT stocks a three-month supply of alcohol [redacted] This means a normal minimum of 20 drums, based on a usage rate of 4 to 6 drums per month. On occasion, the on-hand stock may be closer to 30 drums.

2. Transportation: The procedure described by the suggestor is basically correct. However, P&PD does not
STAT truck alcohol [redacted] to the Main Printing Plant (MPP) on a weekly basis. It is usually once every 3 or 4 weeks, based on a MPP stock requirement of 2 to 4 drums.

Since P&PD has its own truck and driver/warehouseman,
STAT and makes almost daily trips [redacted] there is little to no savings to be realized by elimination of the present alcohol trucking procedures. However, if the suggestion were to be implemented, it raises an interesting question of how the CD would continue to service the alcohol needs of NPIC and OTS, two other users of the product. In addition,
STAT the alcohol drums are presently delivered [redacted] by truck

OL 11089-83

via IDSS purchase, and presumably would continue to be so delivered, thus continuing a safety problem [redacted] which has not been addressed.

3. Responsibility: Since the mission and function of [redacted] is to serve as the Agency's warehouse and transportation/supply control point, one has to consider why the alcohol storage responsibility should be transferred to the primary-using component. [redacted]

[redacted]

4. Cost: There is no doubt that bulk delivery to a tank would be less expensive than the present method of buying 55-gallon drums through IDSS. P&PD is currently paying $192.00/drum. This equates to $3.56 per gallon, based on a 54-gallon (contents) drum. A price quote from Arcal Chemicals for bulk delivery was given at $2.90 per gallon, or $0.66 per gallon cheaper. LSS/P&PD records show a usage rate of 4 to 6 drums per month. Using an average of 5 drums/month, or 60 drums/year, this equates to 3240 gallons/year. At a cost of $3.56/gallon, this amounts to $11,534.40/year. Using the Arcal Chemicals quote, the same volume would cost $9,396.00/year resulting in a savings of $2,138.40/year.

However, any projected cost savings must be compared to the cost of installing a tank on the P&PD compound. No information is available to this evaluator other than the comment from Arcal Chemicals that ''it can be very expensive.''

5. Convenience: The suggestion has merit in that an alcohol storage tank at P&PD with a piped delivery system to the user point (Press Room) would be a convenience. In fact, research on this evaluation reveals that this idea was originally considered back in the mid-60's when the P&P Building was being built, but was eventually cut because of budget restrictions. No doubt the cost of such an idea has esculated tremendously in nearly 20 years.

The merit of the suggestion also has to be considered in relation to all the planned changes associated with the construction of the new Headquarters Building. Approval of an alcohol storage tank, either above or below-ground, would have to be coordinated with the proposed changes to the North Road and the P&P Building loading dock area. This is beyond the scope of this evaluator at this time.

6. Security: The suggestor has stated that alcohol storage [redacted] could pose a security problem via night penetration of the compound. While this statement is true in its broadest sense, it is difficult for this evaluator to believe [redacted] penetration would be for the purpose of

destroying the alcohol. If there is indeed a serious
STAT concern for the security [redacted] at night, it seems logical and reasonable to assume that somebody should have done something about it long ago, and that the equipment and
STAT supplies inside [redacted] present a much more opportune target than several drums of isoprophyl alcohol stored in an outbuilding.

7. Conclusions: Opinions on the validity of this suggestion were solicited from the following P&PD components: Logistical Support Staff, Press Branch, and the Maintenance Shop. All three agreed that the suggestion has some merit, but would probably be very costly to implement. The P&PD warehouseman/truck driver would have one less duty
STAT to perform, [redacted] would have one less problem to contend with (depending upon what is done about the NPIC and OTS alcohol requirements). Some cost saving is evident by switching to a bulk delivery system; however, the pay-back period to offset the cost of installing a tank and pumping system at P&PD would be very long. At this point, it is felt that more information on the cost-effectiveness of the
STAT idea, and the safety/security concerns [redacted] is necessary before a final decision can be made by higher management on the implementation of the suggestion.

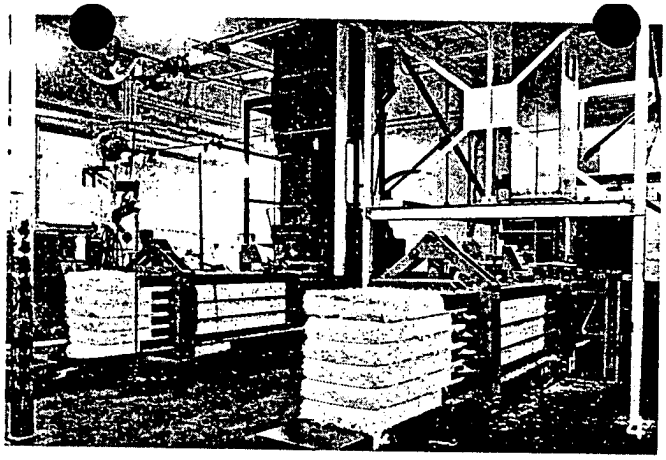
8. Recommendations: The P&PD recommends approval of the suggestion. However, P&PD has not budgeted for this. Since it is basically a safety concern, it is felt that the SS/DDA, or the Real Estate and Construction Division, OL should assume the costs of implementing the idea, and that any award should be considered only after the costs of implementation have been determined.

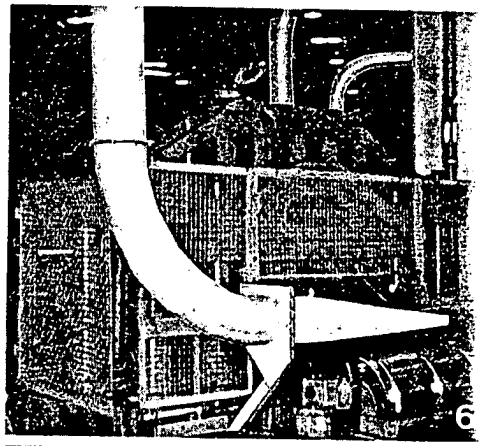
It is further suggested by this evaluator that, if this suggestion receives favorable consideration, it should be expanded to include tank storage and bulk delivery of kerosene and Varn (a press-cleaning solvent). All three products are used in the printing process, and all three pose safety problems. A piped delivery system should be to the P&PD Solvent Room, not the Press Room. This would provide a much safer environment for dispensing the chemicals. If you If you have any questions on this matter,
STAT please contact me [redacted]

STAT [redacted]

Plans, Programs and Systems Staff,
Printing and Photography Division, OL

Brochures

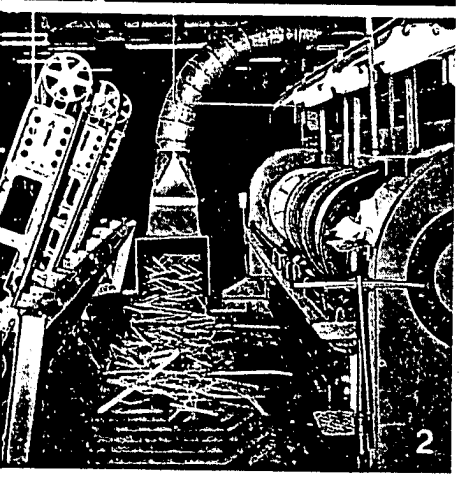


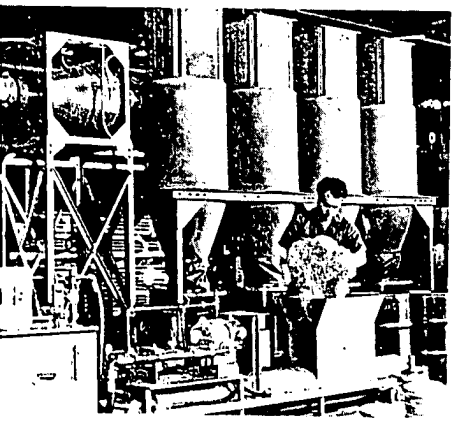


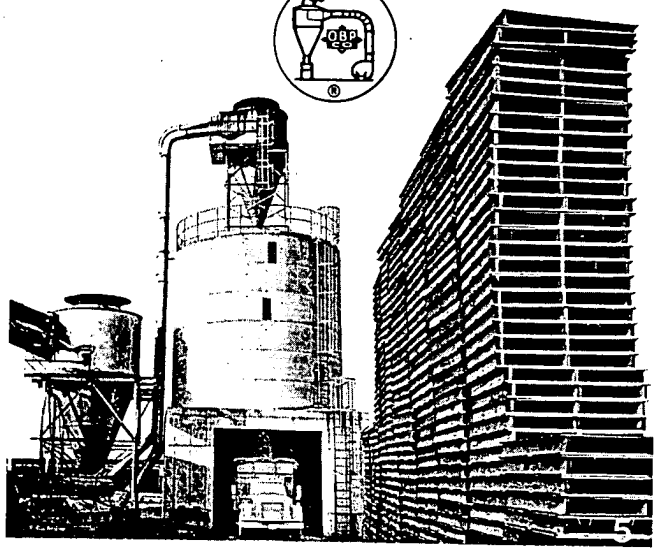
OHIO BLOW PIPE

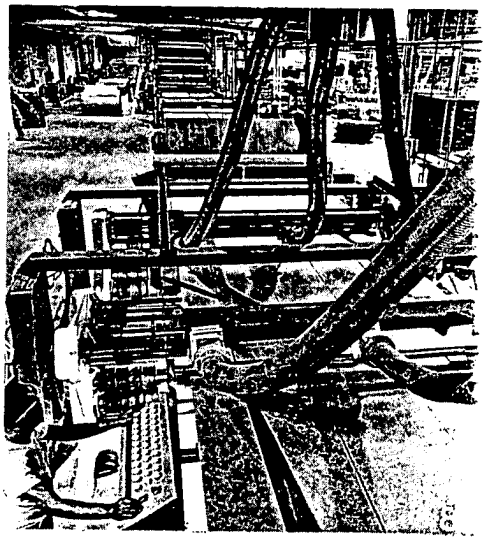
Engineers, manufacturers & installers of systems and equipment to automatically remove and dispose of production wastes, including (1) empty bags & dust (2) diecuttings (3) metal chips & grindings (4) converting & papermaking (5) wood waste & sawdust (6) canmaking skeletons (7) printing & bindery waste, and (8) corrugator waste & trim.

446 E 131 St Cleveland Ohio 44108
216-681-7379







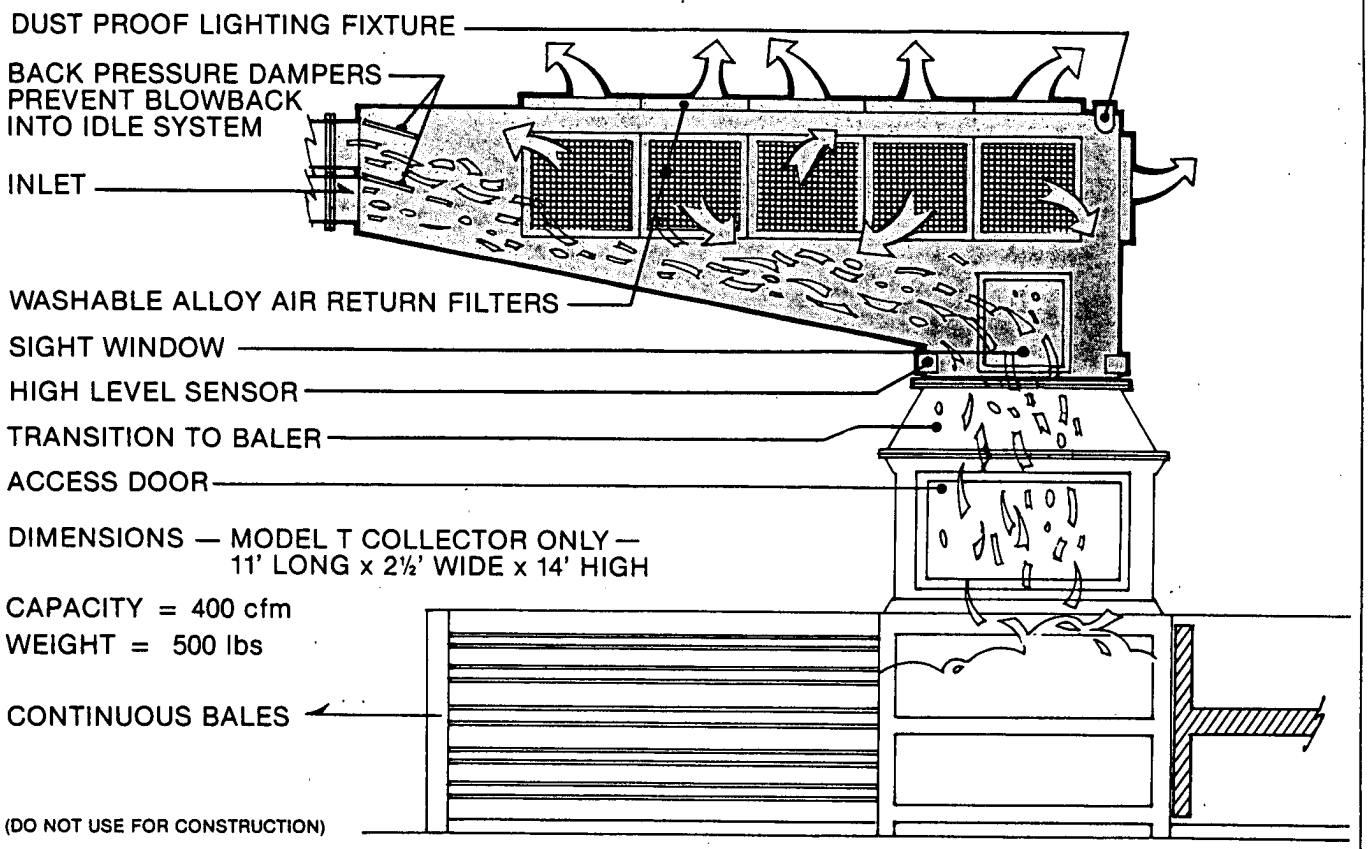


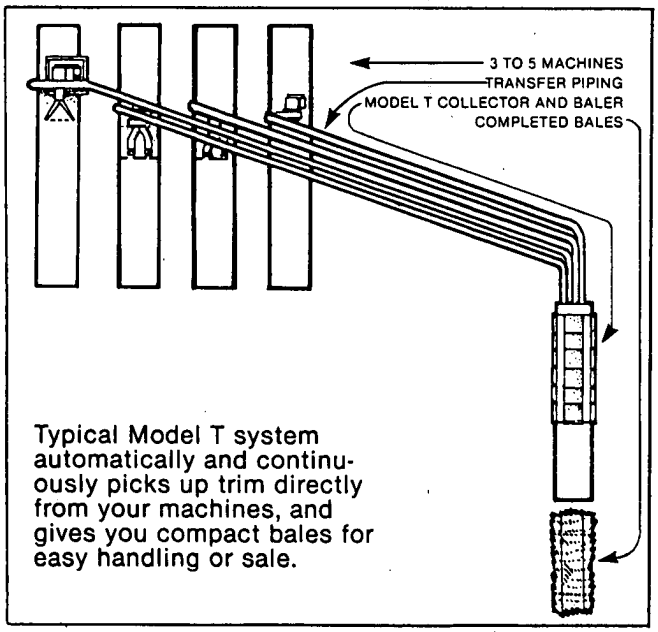
Reference #6245
Jan. 1982

MODEL T-400

COMPACT RECEIVER DESIGNED FOR PAPER TRIM AND WASTE BALING SYSTEMS

APPLICATION DATA



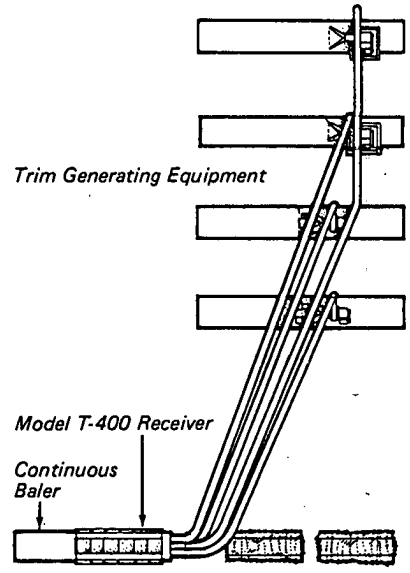


Typical Model T system automatically and continuously picks up trim directly from your machines, and gives you compact bales for easy handling or sale.

This proprietary Ohio Blow Pipe receiver is a combination collector, filter, accumulater, and baler feeder intended for web fed forms presses, rotary die cutters, bindery equipment, moderate volume sheet fed plants, and similar installations. It provides continuous and automatic pick up of trim and floor waste with transfer to a baler. It permits a totally protected indoors system without roof mounted equipment, no heated or cooled air loss, and at a cost approximately half that of baling systems using conventional cyclone collectors and after-filters. It is sized to handle trim from 3 to 5 web presses, rotary die cutters, or equipment of equal trim output. Model T installations since 1976 to this date have operated continuously without problems.

NEVER BEFORE HAVE THE PRODUCTION BENEFITS OF A CONTINUOUS BALING SYSTEM BEEN AVAILABLE TO PRINTERS AT SUCH A REASONABLE COST

The secret is the new Model T-400 trim and scrap receiver developed by Ohio Blow Pipe. It is a combination collector, filter, accumulator, and baler feeder. It provides for a totally protected indoors system with no equipment on the roof, no heated or cooled air loss, and at a cost approximately 50% below conventional designs. It is intended especially for printing plants or departments with 3 to 5 average size web presses or rotary die cutters, or bindery cutters, or a combination of equipment generating a similar volume of trim, make-ready sheets, floor waste, wrappings, and other paper scrap.



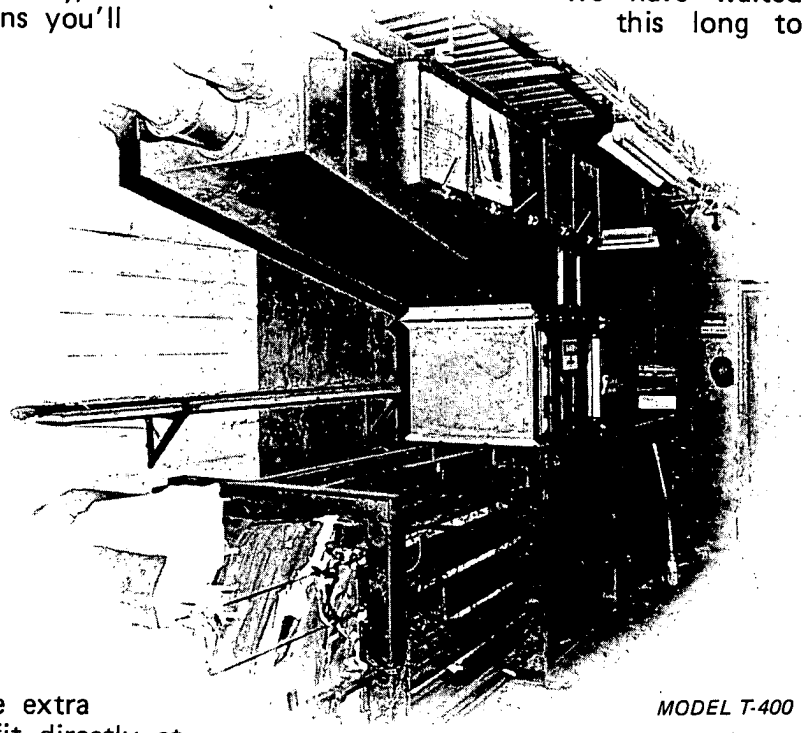
New Model T-400 Receiver Continuously removes trim and waste from equipment at half the cost of conventional automatic baling systems.

The Model T-400 baling system continuously and automatically picks up trim at point of generation, then turns it into saleable bales.

The most important advantage of any waste handling system is its ability to give you a continuously clean plant, which in turn results in increased output from your existing equipment. Obviously, that means you'll have extra profit directly attributable to the baling system. You can use that profit to pay for the system in a short time, especially with the more generous depreciation allowances now in effect.

In addition, the system keeps aisles clear of scrap barrels, carts, and trash — and improves handling paper stock and finished jobs. It keeps plant air clean and keeps spots off your sheets. It prevents trim from jamming bearing surfaces and equipment drives, thereby reducing downtime and increasing operating life. Working conditions approach ideal. Fire hazards are reduced. Scavenger costs are eliminated — in fact you can sell baled scrap for added income.

Systems like this have been in commercial operation for five years without problems. We have waited this long to announce it because of our policy to guarantee performance. A typical continuous automatic Model T system, custom engineered for your plant, installed, and performance guaranteed, can be yours for an unbelievable cost in the range of $14,000 to $20,000. The money making benefits of a baling system are no longer restricted to big plants. Contact us at 493 E 131 Street, Cleveland Ohio 44108, phone 216-681-7379.



MODEL T-400

OHIO BLOW PIPE

engineers, manufacturers and installers of pneumatic handling systems since 1932

maren 54-60-72 automatic balers

completely flexible!

finish a bale of mixed paper, switch to corrugated—no control adjustment required.

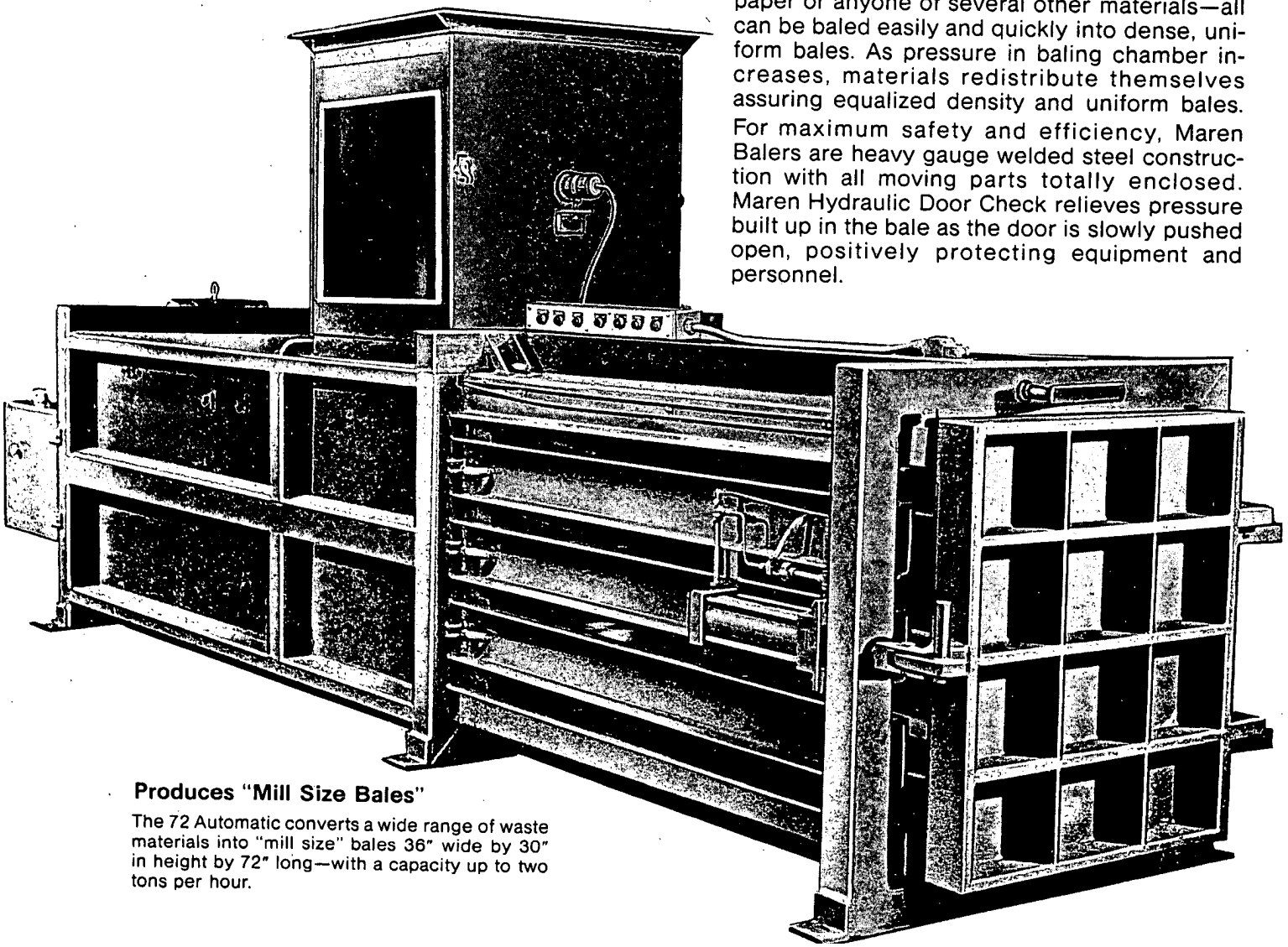
REPRESENTED BY
OHIO BLOW PIPE CO.
446 EAST 131st STREET
CLEVELAND, OHIO 44108
Phone: (216) 681-7379

The lowest priced automatic balers on the market for making compact to "mill size" bales! Maren Automatic Balers enable you to solve air pollution and waste handling problems quickly and easily.

Combining low investment cost with automatic operation, Maren Automatics quickly pay for themselves in lower labor costs, improved housekeeping and space saving.

Whether it's corrugated, chipboard, boxboard, paper or anyone of several other materials—all can be baled easily and quickly into dense, uniform bales. As pressure in baling chamber increases, materials redistribute themselves assuring equalized density and uniform bales.

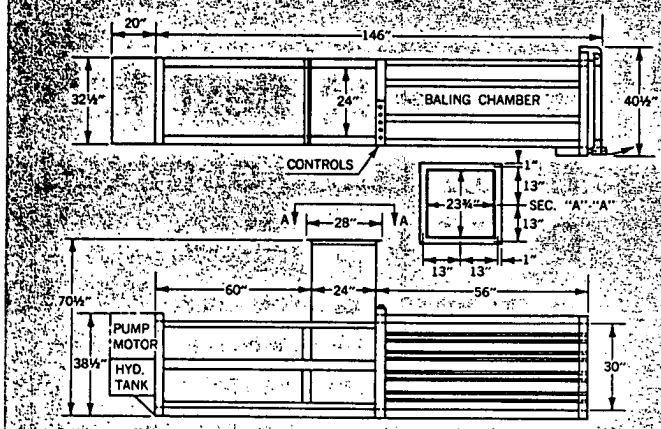
For maximum safety and efficiency, Maren Balers are heavy gauge welded steel construction with all moving parts totally enclosed. Maren Hydraulic Door Check relieves pressure built up in the bale as the door is slowly pushed open, positively protecting equipment and personnel.



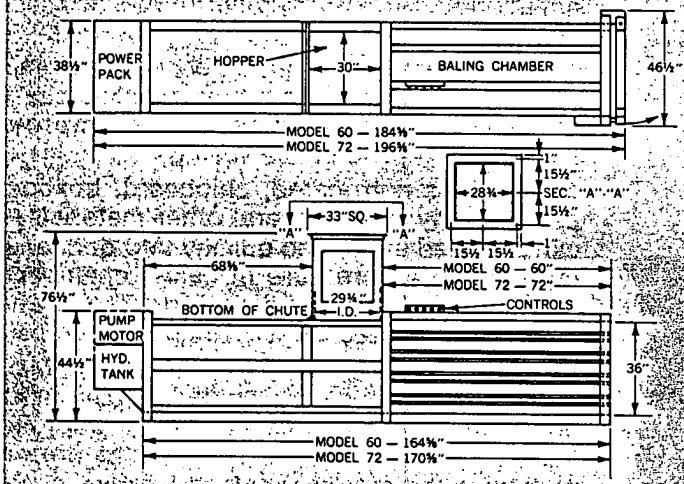
Produces "Mill Size Bales"

The 72 Automatic converts a wide range of waste materials into "mill size" bales 36" wide by 30" in height by 72" long—with a capacity up to two tons per hour.

model 54:



models 60 and 72:



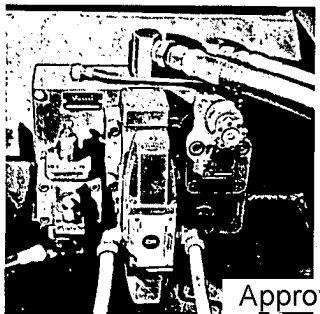
specifications

		No. 54	No. 60	No. 72
Dimensions	Length	166"	184⅜"	196⅜"
	Width	41"	46½"	46½"
	Height	39"	44½"	44½"
Feeder-Hopper	Length	24"	30"	30"
	Width	24"	30"	30"
	Depth	30"	36"	36"
Baling Chamber	Length	56"	60"	72"
	Width	24"	30"	30"
	Height	30"	36"	36"
Product Bale	Length	54"	60"	72"
	Width	24"	30"	30"
	Height	30"	36"	36"
Bale Weight	Paper	Up to 650 lbs.	Up to 1250 lbs.	Up to 1500 lbs.
	Corrugated	Up to 400 lbs.	Up to 800 lbs.	Up to 1000 lbs.
Number of Bale Ties		3	4	4
Operating Pressure		1500 PSI	1500 PSI	1500 PSI
Thrust		29,500 lbs.	42,390 lbs.	42,390 lbs.
Pump		14 GPM	18 GPM	18 GPM
Cylinder		5" diameter x 30"	6" diameter x 38"	6" diameter x 38"
Motor		10 HP, 3 phase, 60 cycle T.E.F.C.	15 HP, 3 phase, 60 cycle T.E.F.C.	15 HP, 3 phase, 60 cycle T.E.F.C.
Electrical Equipment		J. I. C. Standards: Primary 208-220/440-550 volt, 3 phase, 60 cycle, Secondary 110 volt		
Press Weight		Approx. 5500 lbs.	6,000 lbs.	7,000 lbs.

safe, automatic operation requires no attendant

Maren Automatic Balers operate unattended while a bale is being made. Waste materials are delivered into feeder hopper by pneumatic conveying, belt conveyor or gravity feed system. Baler starts operating as soon as enough material has accumulated in the hopper to cut off sonar beam control. The ram moves forward, packs the hopperful of material into the baling chamber and returns automatically to its back position. If sonar beam continues to be interrupted by accumulated material in hopper, the ram goes thru another stroke cycle. If hopper is empty, motor shuts off and baler is idle.

While bale is being made, no attendant is required. When a finished bale is formed, operator is signalled by a loud buzzer. He returns to baler, inserts wire ties and ties off finished bale.



Master Control

Another extra Maren feature. As shown above, all valving is centralized in one manifold. Thus valves can be quickly and easily removed and replaced—without even breaking a pipe coupling.

maren engineering corp.
P.O. Box 278 • South Holland, Illinois 60473

Qualified local sales and service through more than 50 representatives coast to coast.

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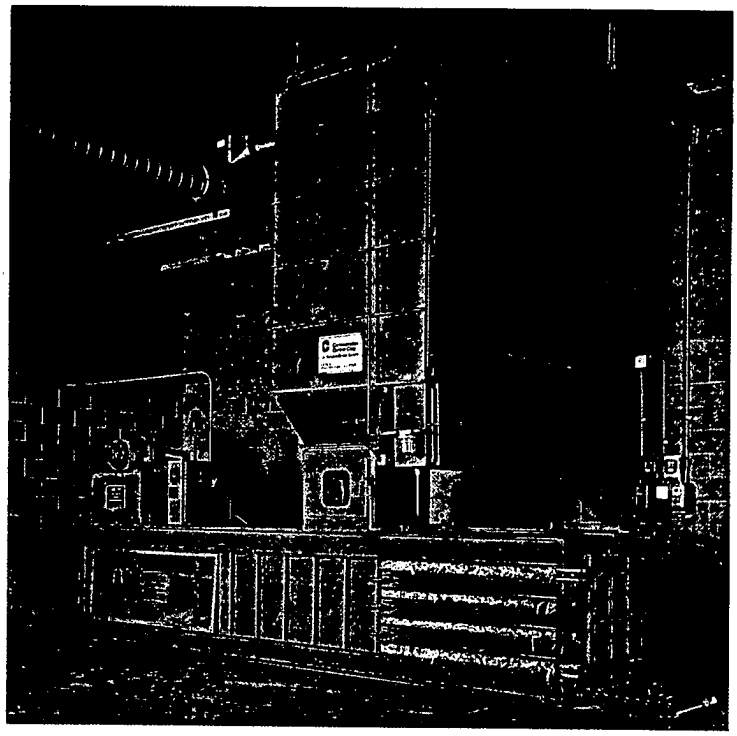
OHIO BLOW PIPE CO.
446 EAST 131st STREET
CLEVELAND, OHIO 44108
Phone: (216) 681-7379

Printed on paper made from
Printed in U.S.A.
Bulletin No. 695

The Mini Systems . . .

Contamination Control Corporation offers the newest and highest technology available in waste paper and trim control systems for the small to moderately sized operation.

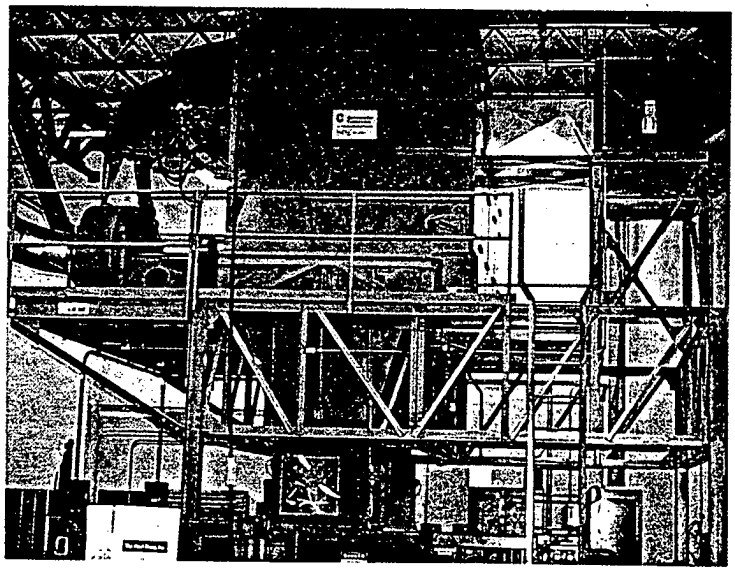
Here are two unique and compact designs to collect paper trim from stitchers, perfect binders, small cutting operations, press slitters, folders, roughers and mini hoggers, or where high value paper merits separation from other waste. We know we offer the best unit possible for your operation because we custom design it to fit your needs.



Mini Mark I

Just some of the many benefits of a CCC Mini System

Compact • Efficient
Self-Cleaning • Custom Design
Ships Complete
Low Horsepower
Short Delivery Time



Mini Mark II

systems that make sense for the moderately-sized plant . . .

Consider the following unique features and the only conclusion possible is that a CCC System is the one system that makes sense.

Compact—

Complete system consists of ducts, fans, CCC Mini Separator, bales, and all automatic controls (automatic bale tie-off is optional), producing mill size bales and all fitting within an 18' high ceiling.

Efficient—

The CCC Separator has a filtering efficiency in excess of 99.9%, which easily permits recirculation of heated or air conditioned air directly back into the plant.

Self-Cleaning—

The filters automatically clean themselves so dust is uniformly deposited within the paper trim (except for special handling of rougher dust). No messy extra handling of dust bags. The System can operate 24 hours a day for months on end. Long life filters typically last more than 7 years.

Custom Design—

We will design each system specifically for your operation, whether your bindery is 10' or 700' away.

Ships Complete—

Erect it yourself or let CCC do it for you. Start up and check out is done by CCC personnel, and includes complete warranties.

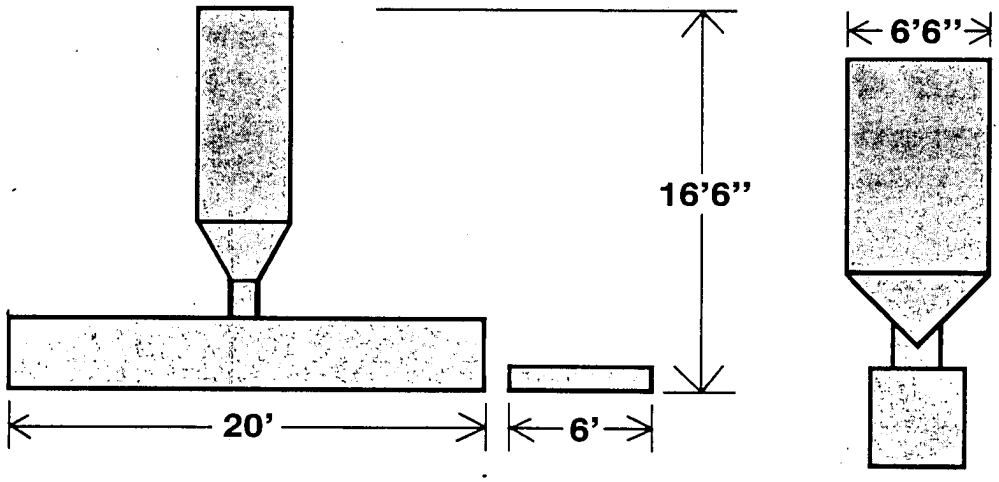
Low Horsepower—

Horsepower of fans is determined by individual customer needs. Typically the Mark I requires less than 20HP and the Mark II less than 30 HP. Balers have 20-40HP.

Short Delivery Time—

6-8 weeks.

systems that grow with you.



System Capacity—

The Mark II has twice the capacity of the Mark I. Capacity in many cases is dependent upon the quantity of trim generated and the number of machines which are connected. If the capacities of the Mark I or Mark II are exceeded, see our Mark III, IV, or V Systems.

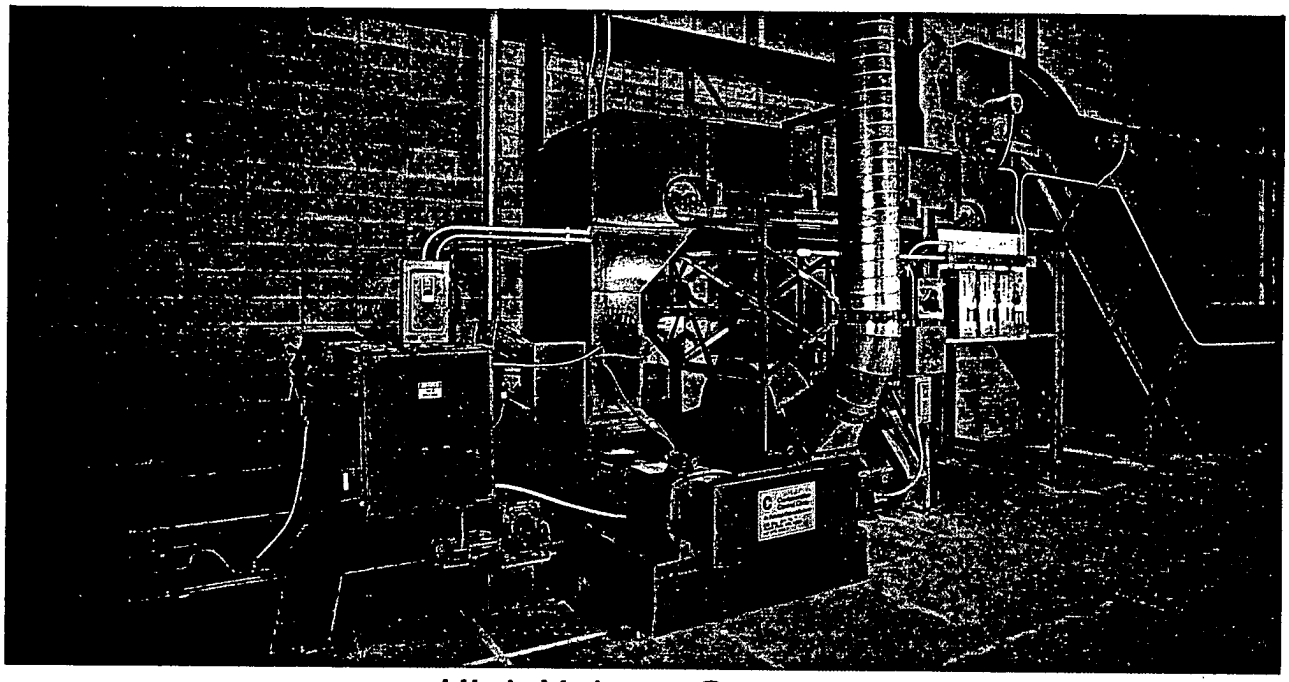
Typical Equipment Capacity—

	Mark I	Mark II
3 Knife Stitcher	1	2
5 Knife Perfect	—	1
Folders	8	16
Press Slitter Trims	8	16
Mini Hogger	1	2

Contamination Control Corporation Box 177 Maple Plain, Minnesota 55359 612/479-2829

Approved For Release 2009/04/02 : CIA-RDP89-00244R000500920004-7

SHREDDING SYSTEMS



High Volume System

Contamination Control offers the newest and most complete line of shredding equipment available for todays printing industry. **Four complete** lines of systems are completely engineered and ready.

High Volume Systems: The CCC high volume systems are designed to handle slab stock, signatures, press broke, and many other waste forms. The automatic feed system will meter all waste through the shredder, separate the material in separate balers for waste grading, and perform many other tasks with minimum labor and reduced horsepower.

Confidential Systems: Confidential systems can be used either as a primary shredder for most material with the option for confidential destruction on special materials such as tickets, coupons, money, etc. This shredder offers a dual purpose role for special printing plants.

Automatic Press Make Ready Systems: New high speed press operations generate a considerable amount of make ready. Where press operations are far from the baler room considerable savings can be made if all make ready is picked up at the press, shred in transit to the baler, and baled automatically. Savings of floor space for baskets, fork lift truck traffic, and manual handling of waste by pressmen are all benefits.

Combination Systems: Combination of all of the above are ready to suit the demands of your operation.

Contamination Control Corporation Box 177 Maple Plain, Minnesota 55359 612/479-2829

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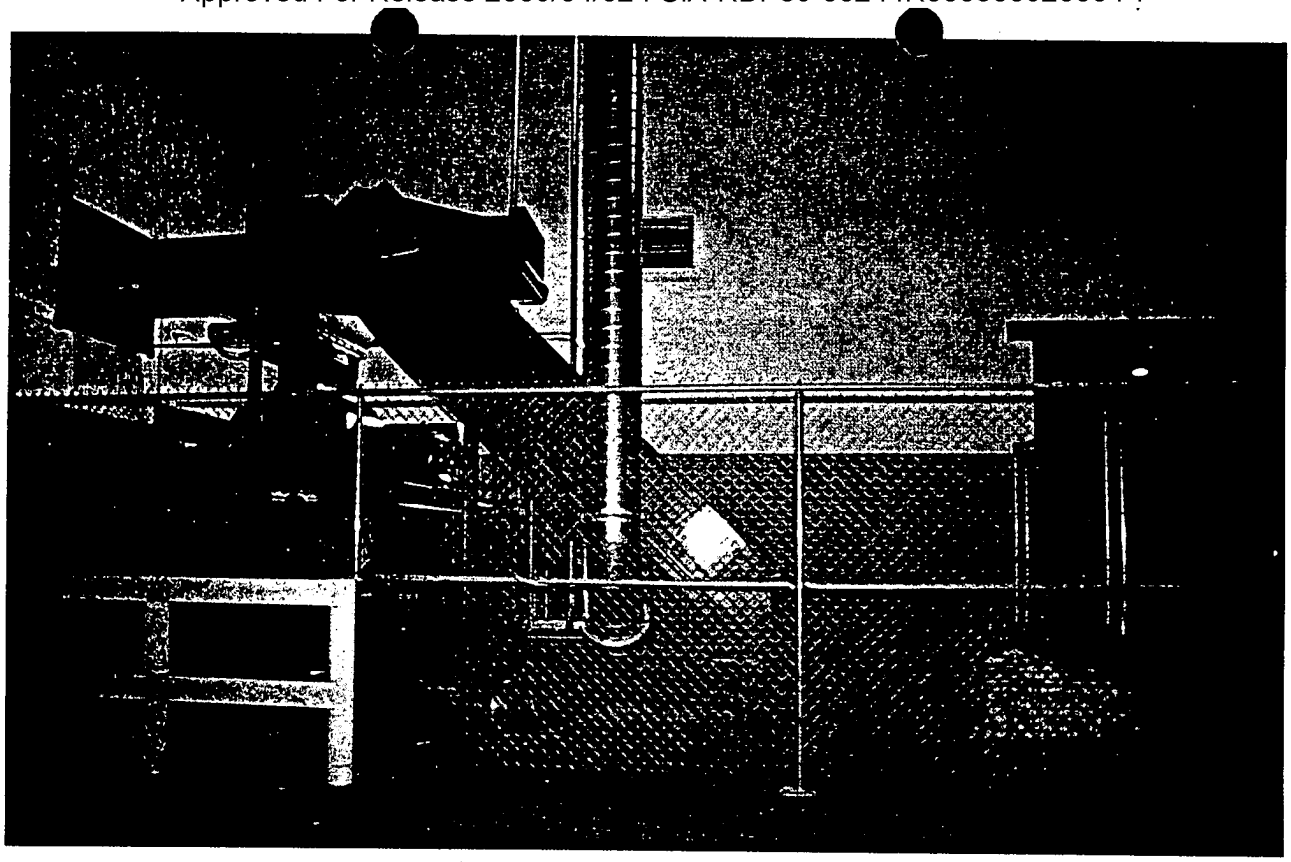

Confidential System

SPECIAL FEATURES

Automatic Feed Systems: This system allows you to dump a load of signatures into a hopper, push a few buttons to program the waste to the appropriate baler, and then leave. The system does the rest! Many present systems require 6-9 man years of labor to handle waste. CCC can show you how to reduce this labor by more the 60%.

Metal Detect and Reject: How many times has your system been damaged, and down time, plus maintenance costs incurred by metal scrap? The CCC system will automatically detect and reject the metal scrap while continuing un-interrupted to shred paper.

Time Sharing with Press Make Ready: The CCC system can simultaneously share a baler between both the press make ready extraction system and the hogger, thereby offering dual use of a baler for the plant.

Auto Call Up: A fully automated system may be un-manned, except for bale removal and feeding the shredder. The CCC Control will monitor the un-manned operation and will automatically call for service, only if needed. (Option)

Small Volume System: You define the requirements and we'll define the system!